

# Software Test Engineer

## OPPORTUNITY

Ainira Industries is currently seeking applicants for a Software Test Engineer to join our growing team in Bucharest, Romania.

## JOB DESCRIPTION

A software test engineer will assist in the development of world-changing software by ensuring the code written in-house is well tested and of the highest quality.

Software test engineers will work across teams with skill sets spanning sensor firmware and SDK, machine learning, robotics, simulation, embedded systems, and data infrastructure.

Software test engineers will work with DevOps engineers and release engineers to maintain our continuous integration cycle for both unit-level and system-level tests.

## RESPONSIBILITIES

- This role will work closely with research scientists and hardware engineers to own development of our prototype software system, to include communication with our autonomous driving system and processing on the resulting data stream
- Responsible for the architecture, profiling, and deployment of complex software processing pipeline
- Design, develop, code, test and debug system software
- Integrate and validate new product designs
- Support software QA and optimise I/O performance
- Provide post production support
- Interface with hardware design and development
- Write detailed work instructions including assembly, test, material inspection and validation procedures

## SKILLS and ABILITIES

- BSc degree in Computer Science or Engineering
- 7+ years' experience in a systems integration or test engineering role for mission-critical or safety-critical software
- Knowledge of tracking software requirements to ensure code safety and performance
- Experience transforming requirements into unit and system level tests
- Hands-on expertise with continuous integration tools

- C++, Python, C# experience
- Scripting language proficiency
- Knowledge or experience in one or more of the following - machine learning, game development, networking, embedded systems, robotics
- Experience building hardware test harnesses
- Familiarity with software configuration management tools, defect tracking tools, and peer review
- Excellent knowledge of low-level coding techniques, IP protocols, interfaces and hardware subsystems
- Adequate knowledge of reading schematics and data sheets for components
- Strong documentation and technical writing skills
- Ability to collaborate in a team environment, and works well under pressure in a dynamic fast-paced environment.

## **COMPENSATION**

The Company offers a competitive compensation and benefits package.

## **APPLY**

Click "Apply" below or use form in the Contact section – quote the reference number HR-SFT-0054. Only the shortlisted candidates will be contacted. Thank you for your interest.